## Additional File 4 to:

The effectiveness of high dose zinc acetate lozenges on various common cold symptoms: a meta-analysis

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This file describes the intermediate calculations with RevMan to calculate the proportion of cold symptoms of the total common cold duration

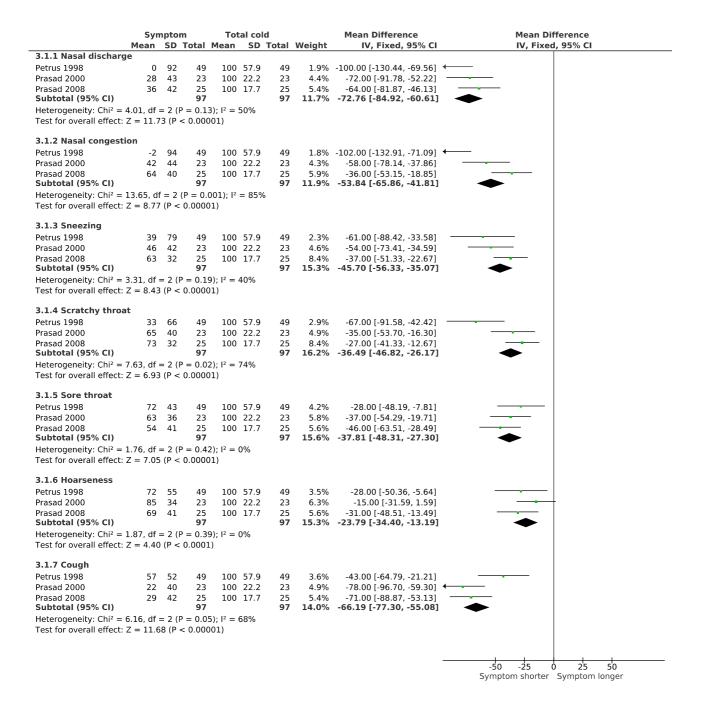
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- 3 RevMan Figure showing the pooled proportion of systemic symptoms of the total common cold durations in the placebo groups.
- 4 RevMan Figure showing the pooled durations of the respiratory and systemic symptoms in the placebo groups. This figure was redrawn with Gnuplot for the report as Fig. 5.



	Syn	npto	m	Tot	al co	ld		Mean Difference	Mean Difference
	Mean	SD	Total	Mean	SD	Total	Weight	IV, Fixed, 95% CI	IV, Fixed, 95% CI
3.2.1 Muscle ache									
Petrus 1998	75	45	49	100	57.9	49	5.3%	-25.00 [-45.53, -4.47]	<u> </u>
Prasad 2000	81	34	23	100	22.2	23	8.2%	-19.00 [-35.59, -2.41]	<del></del>
Prasad 2008	72	32	25		17.7	25	10.9%	-28.00 [-42.33, -13.67]	<del></del>
Subtotal (95% CI)			97			97	24.4%	-24.34 [-33.93, -14.75]	
Heterogeneity: Chi <sup>2</sup> =	0.65, df :	= 2 (	P = 0.7	2); $I^2 = 0$	0%				
Test for overall effect:	Z = 4.97	' (P <	0.000	01)					
3.2.2 Headache									
Petrus 1998	60	57	49	100	57.9	49	4.3%	-40.00 [-62.75, -17.25]	<del></del>
Prasad 2000	70	29	23	100	22.2	23	10.1%	-30.00 [-44.93, -15.07]	
Prasad 2008	79	24	25	100	17.7	25	16.4%	-21.00 [-32.69, -9.31]	
Subtotal (95% CI)			97			97	30.9%	-26.61 [-35.14, -18.08]	
Heterogeneity: Chi <sup>2</sup> =	2.41, df :	= 2 (	P = 0.3	0); $I^2 = 3$	17%				
Test for overall effect:	Z = 6.11	. (P <	0.000	01)					
3.2.3 Fever									
Petrus 1998	96	16	49	100	57.9	49	7.9%	-4.00 [-20.82, 12.82]	
Prasad 2000	97.53	9	23	100	22.2	23	23.4%	-2.47 [-12.26, 7.32]	<del></del>
Prasad 2008	84	28	25	100	17.7	25	13.3%	-16.00 [-28.98, -3.02]	<del></del>
Subtotal (95% CI)			97			97	44.7%	-6.77 [-13.86, 0.31]	
Heterogeneity: Chi <sup>2</sup> =	2.79, df :	= 2 (	P = 0.2	5); $I^2 = 2$	28%				
Test for overall effect:	Z = 1.87	(P =	0.06)						
									-20 -10 0 10 20
									Symptom shorter Symptom longer

				Mean Difference	Mean Difference
	Mean Difference	SE	Weight	IV, Fixed, 95% CI	IV, Fixed, 95% CI
1.1.1 Respiratory					
Nasal discharge	72.76	6.2	6.5%	72.76 [60.61, 84.91]	
Nasal congestion	53.84	6.14	6.7%	53.84 [41.81, 65.87]	-
Sneezing	45.7	5.42	8.5%	45.70 [35.08, 56.32]	_
Scratchy thoroat	36.49	5.27	9.0%	36.49 [26.16, 46.82]	
Sore throat	37.81	5.36	8.7%	37.81 [27.30, 48.32]	
Hoarseness	23.79	5.41	8.6%	23.79 [13.19, 34.39]	_ <del>-</del>
Cough	66.19	5.92	7.2%	66.19 [54.59, 77.79]	
Subtotal (95% CI)			55.3%	46.38 [42.20, 50.56]	
Heterogeneity: Chi² =			,,		
	Z = 21.76 (P < 0.000)		,,,	·	
Test for overall effect:		01)	10.5%	24.34 [14.76, 33.92]	
Test for overall effect:	Z = 21.76 (P < 0.000)	001) 4.89			-
Test for overall effect:  4.1.2 Systemic  Muscle ache Headache Fever	Z = 21.76 (P < 0.000 24.34 26.61	001) 4.89	10.5%	24.34 [14.76, 33.92]	<u>-</u>
Test for overall effect: <b>4.1.2 Systemic</b> Muscle ache Headache	Z = 21.76 (P < 0.000 24.34 26.61	4.89 4.35	10.5% 13.3% 21.0%	24.34 [14.76, 33.92] 26.61 [18.08, 35.14]	<del>-</del>
Test for overall effect:  4.1.2 Systemic  Muscle ache Headache Fever  Subtotal (95% CI)  Heterogeneity: Chi² =	Z = 21.76 (P < 0.000 24.34 26.61	4.89 4.35 3.46	10.5% 13.3% 21.0% <b>44.7</b> %	24.34 [14.76, 33.92] 26.61 [18.08, 35.14] 6.77 [-0.01, 13.55]	